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PATENT ABSTRACTS OF JAPAN

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<p>(30) Priority:</p> <p>(43) Date of application publication: 09.10.95</p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: ISHIKAWAJIMA HARIMA HEAVY IND CO LTD</p> <p>(72) Inventor: SEKI MINORU FURUSAKI SHINTARO SHIGETA JUNICHI SATO KENJI</p> <p>(74) Representative:</p>
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(54) PRODUCTION OF TAXOL

(57) Abstract:

PURPOSE: To produce a large amount of taxol having an antiulcer activity by culturing a cell of a Taxus plant or a group of cells thereof while intermittently or continuously exchanging a liquid medium with a fresh medium and collecting the product composed of taxanes containing taxol from the cultured solution.

CONSTITUTION: A cell or a Group of cells of a Taxus plant (e.g. Taxus brevifolia Nutt) are cultured on a solid medium containing auxin such as 2,4-dichlorophenoxyacetic acid or naphthaleneacetic acid and cytokinin to obtain a cultured cell (callus). The obtained callus is then fixed to a carrier according to the inclusion method, the adsorption method or the bonding method and culture while keeping the concentration of the cells in the culture system higher than that in a culture medium taken out from the culture system. The liquid medium is continuously or intermittently exchanged through a membrane or a net with a fresh medium and the product composed of taxanes

containing taxol is collected from the culture medium used for culture, thus mass-producing the objective taxol useful, e.g. as a synthetic raw material for an anticancer agent on an industrial scale.

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View: [INPADOC](#) | Jump to: TopGo to: [Derwent...](#)☒ Email this to a friendTitle: **JP7255495A2: PRODUCTION OF TAXOL**Country: **JP Japan**Kind: **A**Inventor: **SEKI MINORU;
FURUSAKI SHINTARO;
SHIGETA JUNICHI;
SATO KENJI;**Assignee: **ISHIKAWAJIMA HARIMA HEAVY IND CO LTD**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **Oct. 9, 1995 / March 28, 1994**Application Number: **JP1994000057885**IPC Code: **C12P 17/02; C12P 17/02;**Priority Number: **March 28, 1994 JP1994000057885**


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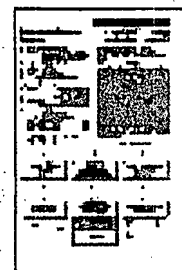
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Family: **None**Forward
References:

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6428989	2002-08-06	Yukimune; Yukihito	Mitsui Chemicals, Inc.	Method for producing taxane-type diterpenes

Other Abstract
Info:

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